

Mr. Michael T. Davis Pre-Calculus	2.5 Simplifying Rational Expressions with Mult & Div (2) December 8-10, 2015
Name: <input type="text"/>	

1. Simplify $\frac{9x+5}{5}$

2. Simplify $\frac{6x+9}{8x+12}$

3. Simplify $\frac{9x^2+4}{3x-2}$

4. Simplify $\frac{m^2-2mn+n^2}{m-n}$

5. Simplify $\frac{x^2-3x-28}{x^2-14x+49}$

6. Simplify $\frac{x^3+5x^2-9x-45}{x^3-4x^2-9x+36}$

7. Simplify $\frac{x^2-4x+4}{x+2} \times \frac{x^2+2x}{x-2}$

8. Simplify $\frac{x-1}{x+7} \div \frac{x+1}{x+7}$

9. Simplify $\frac{9x^3+36x}{x^2-4x} \div \frac{3x^2+12}{x^3-16x}$

10. State all restrictions on x $\frac{x^2-100}{x^2+9x}$

11. State all restrictions on x $\frac{x^2+9x+14}{3x^2+7x-40}$